

Security Statement

Overview

Sonar6 utilizes some of the most advanced technology for Internet security available today. When you access our site using Netscape Navigator 6.0 or Microsoft Internet Explorer versions 5.5 or higher, Secure Socket Layer (SSL) technology protects your information using both server authentication and data encryption, ensuring that your data is safe, secure, and available only to registered Users in your organization. Your data is completely inaccessible to anyone else.

In addition, Sonar6 is hosted in a secure server environment that uses a firewall and other advanced technology to prevent interference or access from outside intruders.

Physical

Sonar6 internet connection and security management is provided by Revera.

Building Construction

- Precast concrete panel exterior walls with 200mm reinforced concrete slab.
- Aluminium exterior joinery, all openings have frosted film.
- Anti-static floor treatment and suspended ceiling grid.
- Mesh screened internal walls with fire resistance rated Gibraltar board

Fire Protection

- HARTXL fire detection system
- Smoke alarms are located throughout the building
- FM200 Gas suppression system throughout the computer room

Power and air-conditioning

- 500amp feed from single transformer.
- 120kva UPS system.
- 300kva emergency power standby generator with sufficient fuel for 4-6hrs running time.
- Air-conditioning units maintain ambient temperature at 21 degrees Celsius.

Intruder Protection

- Swipe card access with pin entry systems to the building with 24x7 monitoring.
- Infrared movement sensors covering the entire building.
Network
- Communication services into the data center provided by 5 separate ISPs.

- Alternate access methods Fibre, Copper and Radio Frequency Management
- Remote monitoring of doors, Air-con, Electrical supply, wall entry, roof entry, smoke & water level.

Perimeter

Firewall

- Managed by Revera. Best of breed firewall appliance.
- Locked down to: Ports 80 (http), 443 (https), 22(secure shell), 25(smtp).

Server

Maintenance

- 24x7x365 systems management.
- Daily OS patch management.
- Regular penetration testing.

Server Security

- Hardened Server
- All unnecessary services removed, all open ports shut down.
- Restricted Access - Public-key cryptography used for server access.
- Only three administrators with public keys.

Communications Security

- SSL / HTTPS layers implemented
- Trusted Public Key Certificates provided by Revera.

Database

- Database Server locked to three users, with access level management.

Optional Security

The above measures ensure that your data is always secure, and accessible only to your organization. For almost all Sonar6 installations this is suitable security. In some special environments (e.g. military installations) there are added security options:

- Multiple levels of password enforcement (password complexity, password expiration)
- Database Partitioning
- Locked IP Access.